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| <b>Search Notes</b><br><br> | <b>Application/Control No.</b><br><br>09870498 | <b>Applicant(s)/Patent Under Reexamination</b><br><br>LEITE ET AL. |
|  | <b>Examiner</b><br><br>Kailash C. Srivastava   | <b>Art Unit</b><br><br>1657  |

| SEARCHED                       |                                |            |          |
|--------------------------------|--------------------------------|------------|----------|
| Class                          | Subclass                       | Date       | Examiner |
| Searched Partially in WEST     | Searched Partially in WEST     | 09/03/2006 | KCS      |
| NONE                           | NONE                           | 09/03/2006 | KCS      |
| Updated Search in WEST         | Updated Search in WEST         | 05/01/2007 | KCS      |
| NONE                           | NONE                           | 05/01/2007 | KCS      |
| Updated Partial Search in WEST | Updated Partial Search in WEST | 10/25/2007 | KCS      |
| NONE                           | NONE                           | 10/25/2007 | KCS      |
| Updated Partial Search in WEST | Updated Search in WEST         | 04/17/2008 | KCS      |
| NONE                           | NONE                           | 04/17/2008 | KCS      |
| Updated Partial Search in WEST | Updated Search in WEST         | 04/27/2008 | KCS      |
| NONE                           | NONE                           | 04/27/2008 | KCS      |
| Updated Search in WEST         | Updated Search in WEST         | 01/04/2009 | KCS      |
| NONE                           | NONE                           | 01/04/2009 | KCS      |
| Updated Search in WEST         | Updated Search in WEST         | 4/23/2009  | KCS      |
| 506                            | 10, 14, 18                     | 4/23/2009  | KCS      |
| 514                            | 2, 14, 15                      | 4/23/2009  | KCS      |
| 530                            | 305, 325, 327                  | 4/23/2009  | KCS      |

| SEARCH NOTES   |            |          |
|--|------------|----------|
| Search Notes   | Date       | Examiner |
| STN Search: REGISTRY, HCAPLUS, BIOSIS, CASROLLS, MEDLINE, USPATFULL, USPAT 2 | 08/02/2006 | KCS      |
| WEST: DWPI, EPAB, JPAB, PGPB, USOC, USPT                                     | 09/03/2006 | KCS      |

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Examiner,Art Unit 1657

## SEARCH NOTES

| Search Notes   | Date       | Examiner |
|--|------------|----------|
| Search Strategy: conservative, SEQ ID NO:1, amino acid residue, histidine, tryptophan, amino acid, defensins, amide, cell toxicity, cancer, antimicrobial, polypeptide, peptide, amino acid sequence, indolicidin  | 09/03/2006 | KCS      |
| Performed INventor Search  | 09/03/2006 | KCS      |
| Since amendments to CLAIMs have not altered invention scope, updated search in WEST with above strategy  | 05/01/2007 | KCS      |
| Since Claim amendments did not alter invention scope, updated Search in WEST with above strategy   | 10/25/2007 | KCS      |
| Performed Search in Google: amino acid hydrophobic list, basic amino acid list   | 10/25/2007 | KCS      |
| Discussed Search strategy and Rejection Strategy with Dr. K. Carlson of 1656   | 04/17/2008 | KCS      |
| In view of amended Claim 5 that has not changed invention scope, Updated search in WEST with above strategy and additionally with (tryptophan Tryptophan) or ("Trp") ("Trp"), histidine, (glutamic acid), serine, (amino acid) residue                             | 04/17/2008 | KCS      |
| Updated Inventor Name Search   | 04/17/2008 | KCS      |
| Performed Google Search  | 04/17/2008 | KCS      |
| Updated Inventor Name Search   | 04/27/2008 | KCS      |
| Updated WEST search with above strategy of 04/17/2008  | 04/27/2008 | KCS      |
| Updated Google Search  | 04/27/2008 | KCS      |
| Discussed Search strategy and Rejection Strategy with Dr. K. Carlson of 1656   | 12/15/2008 | KCS      |
| Updated Google Search  | 01/02/2009 | KCS      |
| Updated Inventor Name Search   | 01/04/2009 | KCS      |
| Updated WEST search with above strategy of 04/27/2008 and additionally searched 12 amino acid length peptide, Trp, Glu, His and Ser Residues in view of the amendment to Claim 5 on 09/19/2008 said amendment has not changed the scope of the claimed invention.  | 01/04/2009 | KCS      |
| Discussed Search strategy with Dr. Weber   | 4/14/2009  | KCS      |
| Updated Inventor Name Search   | 4/23/2009  | KCS      |
| Updated WEST search with above strategy of 04/27/2008 and additionally searched 12 amino acid length peptide, Trp, Glu, His and Ser Residues in view of the amendment to Claim 5 on 01/04/2009 said amendment has not changed the scope of the claimed invention.9 | 4/23/2009  | KCS      |

## INTERFERENCE SEARCH

| Class                  | Subclass               | Date      | Examiner |
|------------------------|------------------------|-----------|----------|
| Updated Search in WEST | Updated Search in WEST | 4/23/2009 | KCS      |
| 506                    | 10, 14, 18             | 4/23/2009 | KCS      |
| 514                    | 2, 14, 15              | 4/23/2009 | KCS      |
| 530                    | 305, 327, 328          | 4/23/2009 | KCS      |

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Examiner, Art Unit 1657